

### Water Management

Interpretations of soils for water management are given as limitations for pond reservoir areas; embankments, dikes, and levees; excavated pond (aquifer-fed); and as restrictive features that affect drainage, irrigation, terraces and diversions, and grassed waterways.

Pond reservoir area is the area that holds water behind a dam or embankment. Soils best suited to this use have a low seepage potential, which is determined by the permeability and depth to fractured or permeable bedrock, or other permeable material.

Embankments, dikes, and levees are raised structures of soil material constructed to impound water or protect land against overflow. They generally are less than 20 feet high and are constructed of "homogeneous" soil material (without a core zone) and compacted to medium density.

Excavated ponds (aquifer-fed) are bodies of water created by excavating a pit or dugout into a ground-water aquifer. Excluded are ponds which are fed by surface runoff or that have embankments that impound water 3 feet or more above the original surface.

Drainage is the process of removing excess surface and subsurface water from agricultural land. Soil features are listed that affect grading, excavation, and stability of trench sides or ditchbanks. Features are also listed which might affect productivity after drainage is installed. The availability of drainage outlets must also be considered.

Irrigation is the controlled application of water to supplement rainfall for supporting plant growth. Soil features are listed that affect design, layout, construction, management, or performance of an irrigation system.

Terraces and diversions are embankments or a combination of an embankment and a channel constructed across a slope to control erosion by diverting or storing surface runoff instead of permitting it to flow uninterrupted down the slope. Soil features are listed that affect the construction of terraces and diversions and that may cause problems after construction.

Grassed waterways are natural or constructed channels that generally are broad and shallow and are covered with erosion-resistant grasses. They are used to conduct surface water to outlets at a nonerosive velocity. Soil features are listed that affect the construction and maintenance of the waterway, and also that affect the growth of grass after construction.

See the National Soil Survey Handbook, Part 620, for criteria used in rating specific uses.

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>AaB</b> ADAMS	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: soil blowing, too sandy	Limitation: droughty
<b>AaC</b> ADAMS	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
<b>AaE</b> ADAMS	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: slope, soil blowing, too sandy	Limitation: droughty, slope
<b>AgA</b> ALLAGASH	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty	Limitation: too sandy	Limitation: droughty
<b>AgB</b> ALLAGASH	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: too sandy	Limitation: droughty
<b>AgC</b> ALLAGASH	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: slope, too sandy	Limitation: droughty, slope
<b>AgD</b> ALLAGASH	Severe: seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: slope, too sandy	Limitation: droughty, slope

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<b>BaA</b>  BANGOR	Moderate: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth	Limitation: percs slowly	Limitation: percs slowly, rooting depth
<b>BaB</b>  BANGOR	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth
<b>BaC</b>  BANGOR	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>BaD</b>  BANGOR	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>BmB</b>  BANGOR	Moderate: depth to rock, seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones	Limitation: droughty, large stones
<b>BmC</b>  BANGOR	Severe: slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>BmD</b>  BANGOR	Severe: slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope

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<b>BnB</b> BANGOR	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth
<b>BnC</b> BANGOR	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>BnD</b> BANGOR	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>BoA</b> BIDDEFORD	Slight:	Severe: hard to pack, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding	Limitation: erodes easily, percs slowly, ponding	Limitation: erodes easily, percs slowly, wetness
<b>BrA</b> BURNHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding, rooting depth	Limitation: percs slowly, ponding	Limitation: percs slowly, rooting depth, wetness
<b>BuA</b> BUXTON	Slight:	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>BuB</b> BUXTON	Moderate: slope	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness

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<b>BuC</b>  BUXTON	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>BxB</b>  BIDDEFORD	Slight:	Severe: hard to pack, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding	Limitation: erodes easily, percs slowly, ponding	Limitation: erodes easily, percs slowly, wetness
  BUXTON	Moderate: slope	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
  SCANTIC	Slight:	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, percs slowly, wetness	Limitation: erodes easily, rooting depth, wetness
<b>CaC</b>  CANAAAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
  ROCK OUTCROP	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
<b>CaE</b>  CANAAAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope

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<b>CaE</b> ROCK OUTCROP	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
<b>CcB</b> COLTON	Severe: seepage	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>CcC</b> COLTON	Severe: seepage, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CcD</b> COLTON	Severe: seepage, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CcE</b> COLTON	Severe: seepage, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CnA</b> COLTON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>CnB</b> COLTON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones

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<b>CnC</b> COLTON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CnD</b> COLTON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CnE</b> COLTON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CsA</b> COLTON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>CsB</b> COLTON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>CsC</b> COLTON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>CsD</b> COLTON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, fast intake, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope

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<b>DaA</b> DAIGLE	Slight:	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: droughty, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>DaB</b> DAIGLE	Moderate: slope	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: droughty, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>DaC</b> DAIGLE	Severe: slope	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: droughty, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, slope, wetness
<b>DgA</b> DAIGLE	Slight:	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: droughty, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>DgB</b> DAIGLE	Moderate: slope	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: droughty, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>DgC</b> DAIGLE	Severe: slope	Severe: wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: droughty, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, slope, wetness
<b>DxA</b> DIXMONT	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness



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<b>DxB</b>  DIXMONT	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness
<b>DxC</b>  DIXMONT	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness
<b>DyA</b>  DIXMONT	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness
<b>DyB</b>  DIXMONT	Moderate: seepage, slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: percs slowly, wetness
<b>DyC</b>  DIXMONT	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness
<b>EwB</b>  ELMWOOD	Severe: seepage	Moderate: hard to pack, piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, rooting depth
<b>Ha</b>  HADLEY	Moderate: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: flooding	Limitation: erodes easily	Limitation: erodes easily

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<b>HbB</b> HERMON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>HbC</b> HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>HdB</b> HERMON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones	Limitation: droughty, large stones
<b>HdC</b> HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>HeB</b> HERMON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>HeC</b> HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>HeE</b> HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope

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<b>HhC</b> HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>HoB</b> HOWLAND	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
<b>HoC</b> HOWLAND	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
<b>HvB</b> HOWLAND	Moderate: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, wetness	Limitation: rooting depth, wetness
<b>HvC</b> HOWLAND	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
<b>HvD</b> HOWLAND	Severe: slope	Severe: piping	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, slope, wetness	Limitation: percs slowly, rooting depth, slope
<b>Lk</b> LIMERICK	Severe: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost Action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness

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<b>MaB</b>  MACHIAS	Severe: seepage	Severe: seepage, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, slope	Limitation: droughty, slope, wetness	Limitation: large stones, wetness	Limitation: droughty, large stones
<b>MbB</b>  MADAWASKA	Severe: seepage	Severe: piping, seepage, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, slope	Limitation: droughty, slope, wetness	Limitation: too sandy, wetness	Limitation: droughty, wetness
<b>Md</b>  MADE LAND	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable
URBAN LAND	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable
<b>MeA</b>  MELROSE	Severe: seepage	Moderate: hard to pack, piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth	Limitation: erodes easily, percs slowly	Limitation: erodes easily, rooting depth
<b>MeB</b>  MELROSE	Severe: seepage	Moderate: hard to pack, piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: erodes easily, percs slowly	Limitation: erodes easily, rooting depth
<b>MeC</b>  MELROSE	Severe: seepage, slope	Moderate: hard to pack, piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: erodes easily, percs slowly, slope	Limitation: erodes easily, rooting depth, slope

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<b>Mn</b> MIXED ALLUVIAL LAND PD	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
MIXED ALLUVIAL LAND MWD	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily
<b>MoB</b> MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
<b>MrB</b> MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness
BURNHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding, rooting depth	Limitation: percs slowly, ponding	Limitation: rooting depth, wetness
<b>MsC</b> BURNHAM	Slight:	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, percs slowly, ponding	Limitation: percs slowly, ponding, rooting depth	Limitation: large stones, percs slowly, ponding	Limitation: large stones, rooting depth, wetness
MONARDA	Moderate: slope	Severe: piping, wetness	Severe: no water	Limitation: frost action, percs slowly, Slope	Limitation: slope, wetness	Limitation: percs slowly, wetness	Limitation: wetness

## WATER MANAGEMENT

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## Penobscot County

Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>Mu</b>  MUCK	Severe: seepage	Severe: excess humus, ponding	Severe: slow refill	Limitation: frost action, ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
<b>On</b>  ONDAWA	Severe: seepage	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: flooding	Limitation: erodes easily, too sandy	Limitation: erodes easily
<b>Pa</b>  PEAT	Severe: seepage	Severe: excess humus, ponding	Slight:	Limitation: frost action, ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
  MUCK	Severe: seepage	Severe: piping, ponding	Severe: slow refill	Limitation: frost action, ponding	Limitation: ponding	Limitation: erodes easily, ponding	Limitation: erodes easily, wetness
<b>Pc</b>  PEAT	Severe: seepage	Severe: excess humus, ponding	Slight:	Limitation: frost action, ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
<b>Pf</b>  PEAT	Severe: seepage	Severe: excess humus, ponding	Slight:	Limitation: frost action, ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
<b>PgB</b>  PLAISTED	Moderate: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly	Limitation: percs slowly, rooting depth

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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>PgC</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>PgD</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>PgE</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>PhB</b>  PERHAM	Moderate: seepage, slope	Moderate: piping, wetness	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, rooting depth
<b>PhC</b>  PERHAM	Severe: slope	Moderate: piping, wetness	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>PmB</b>  PERHAM	Moderate: seepage, slope	Moderate: piping, wetness	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, rooting depth
<b>PmC</b>  PERHAM	Severe: slope	Moderate: piping, wetness	Severe: no water	Limitation: percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>PrC</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>PrE</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>Ps</b>  PEAT	Severe: seepage	Severe: excess humus, wetness	Slight:	Limitation: frost action, too acid	Limitation: too acid, wetness	Limitation: wetness	Limitation: wetness
<b>PxC</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>Py</b>  PODUNK	Severe: seepage	Severe: piping, seepage, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, too sandy, wetness	Limitation: erodes easily
<b>RaB</b>  RED HOOK	Moderate: seepage, slope	Severe: piping, seepage, wetness	Severe: slow refill	Limitation: frost action, slope	Limitation: slope, wetness	Limitation: wetness	Limitation: wetness
<b>ATHERTON</b>	Severe: seepage	Severe: piping, ponding	Moderate: slow refill	Limitation: frost action, ponding	Limitation: ponding	Limitation: erodes easily, ponding	Limitation: erodes easily, wetness



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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>RdB</b>  RED HOOK	Moderate: seepage, slope	Severe: piping, seepage, wetness	Severe: slow refill	Limitation: frost action, slope	Limitation: slope, wetness	Limitation: wetness	Limitation: wetness
  ATHERTON	Severe: seepage	Severe: piping, ponding	Moderate: slow refill	Limitation: frost action, ponding	Limitation: ponding	Limitation: erodes easily, ponding	Limitation: erodes easily, wetness
<b>Re</b>  RIVERWASH	Severe: seepage	Severe: wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding	Limitation: droughty, fast intake, wetness	Limitation: large stones, too sandy, wetness	Limitation: droughty, large stones, wetness
<b>RkC</b>  ROCKLAND	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
  CANAAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
<b>RkD</b>  ROCKLAND	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
  CANAAN	Severe: depth to rock, slope	Severe: piping, thin layer	Severe: no water	Limitation: deep to water	Limitation: depth to rock, droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>RmC</b>  ROCKLAND	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
  THORNDIKE	Severe: depth to rock, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>RmD</b>  ROCKLAND	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
  THORNDIKE	Severe: depth to rock, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>Ro</b>  ROCK OUTCROP	Severe: depth to rock, slope	Slight:	Severe: no water	Limitation: deep to water	Limitation: depth to rock, slope	Limitation: depth to rock, slope	Limitation: depth to rock, slope
<b>Sa</b>  SACO	Moderate: seepage	Severe: piping, ponding	Severe: cutbanks cave	Limitation: flooding, frost action, ponding	Limitation: flooding, ponding	Limitation: erodes easily, ponding	Limitation: erodes easily, wetness
<b>ScB</b>  SCANTIC	Moderate: slope	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, percs slowly, wetness	Limitation: erodes easily, rooting depth, wetness

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>SeA</b>  STETSON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>SeB</b>  STETSON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>SeC</b>  STETSON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>SeD</b>  STETSON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>SfC</b>  STETSON	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, too sandy	Limitation: droughty, large stones
<b>SUFFIELD</b>	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SfE</b>  STETSON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope

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Soil name and map symbol	Limitations For			Features Affecting			
	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>SfE</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>ShD</b>  HERMON	Severe: seepage, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: large stones, slope, too sandy	Limitation: droughty, large stones, slope
<b>SpD</b>  PLAISTED	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly, rooting depth, slope	Limitation: percs slowly, slope	Limitation: percs slowly, rooting depth, slope
<b>SuA</b>  SUFFIELD	Slight:	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>SuB</b>  SUFFIELD	Moderate: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, rooting depth
<b>SuC</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SuC2</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope

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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>SuD</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SuD2</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SuE</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SvA</b>  SUFFIELD	Slight:	Severe: hard to pack, wetness	Severe: no water	Limitation: frost action, percs slowly	Limitation: percs slowly, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, wetness
<b>SvB</b>  SUFFIELD	Moderate: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily, rooting depth
<b>SvC</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope
<b>SvD</b>  SUFFIELD	Severe: slope	Severe: hard to pack	Severe: no water	Limitation: frost action, percs slowly, slope	Limitation: percs slowly, slope, wetness	Limitation: erodes easily, slope, wetness	Limitation: erodes easily, rooting depth, slope

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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>ThB</b>  THORNDIKE	Severe: depth to rock	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones	Limitation: depth to rock, large stones
<b>ThC</b>  THORNDIKE	Severe: depth to rock, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
<b>ThD</b>  THORNDIKE	Severe: depth to rock, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
<b>ThE</b>  THORNDIKE	Severe: depth to rock, slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: depth to rock, large stones, slope
<b>TkB</b>  THORNDIKE	Severe: depth to rock	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones	Limitation: droughty, large stones
<b>TkC</b>  THORNDIKE	Severe: depth to rock, slope	Severe: large stones, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, large stones, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>TvB</b>  THORNDIKE	Moderate: depth to rock, seepage, slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: depth to rock, large stones	Limitation: droughty, large stones

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	Pond Reservoir areas	Embankments ,Dikes, and Levees	Aquifer-fed Excavated Ponds	Drainage	Irrigation	Terraces and Diversions	Grassed Waterways
<b>TvC</b>  THORNDIKE	Severe: slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>TvD</b>  THORNDIKE	Severe: slope	Severe: piping, seepage	Severe: no water	Limitation: deep to water	Limitation: droughty, slope	Limitation: depth to rock, large stones, slope	Limitation: droughty, large stones, slope
<b>Wn</b>  WINOOSKI	Moderate: seepage	Severe: piping, wetness	Severe: cutbanks cave	Limitation: cutbanks cave, flooding, frost action	Limitation: flooding, wetness	Limitation: erodes easily, wetness	Limitation: erodes easily